

## Procurement Projection for the Next 3-5 Year and current year

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## 1. Procurement projections for the next 3-5 years for high value goods (Major Facilities proposed to be established and associated high value equipments)

*Actual Procurement depends upon the budgetary allocation from CSIR and funding agencies*

Sl. No.	Major Facilities proposed to be established and associated high value equipments	Rs. In Crore
1.	Animal Imaging Facility (Ultra Sonography, MRI, Pressure Volume System, <i>in vivo</i> image analyzer, Live cell fluorescent imaging system, Gamma irradiator)	25
2.	High Resolution Cryo-EM facility for structure based drug discovery studies	22
3.	Protein processing and purification facility for biologicals	20
4.	Up-gradation of Animal Facility (IVC Cages, controlled rate freezer, Micromanipulator)	15
5.	Kilo Lab / GMP Facility	10
6.	Product Development and characterization (Industrial Lyophilizer, Zetasizer, Atomic Absorption Spectroscopy, Texture Analyser, High resolution Raman spectroscope with microscope, Microplate cellular screening system with complete set of modules, LCMS, MALDI-TOF, GCMS)	10
7.	Drug Target Inhibitor Characterization Facility (Bilayer interferometry, Isothermal Calorimetry)	5
8.	High-end Computational facility for AI based drug discovery applications	5



## 2. Procurement projections for the next 3-5 years for commonly procured Non-consumable goods (Name of the Apparatus & Equipment)

*Actual Procurement depends upon the budgetary allocation from CSIR and funding agencies*

Sl. No.	Name of the Apparatus & Equipment
1.	Analytical HPLC
2.	Autoclave
3.	Biological Safety Cabinet Class I & II
4.	Centrifuge
5.	CO <sub>2</sub> Cylinder
6.	CO <sub>2</sub> Incubator
7.	Computer with Printer
8.	Cooling Centrifuge With Accessories
9.	Deep Freezer (-20 degree)
10.	Deep Freezer (-80 degree)
11.	Desktop
12.	Digital Rocker
13.	Dimmer stat
14.	DNA & Protein Transfer equipment
15.	Dry Bath With Standard Heating
16.	Electronic Analytical Balance
17.	Electronic Top Pan Balance
18.	Electrophoresis Unit
19.	ELISA Plate Reader
20.	Evaporator Bundle With Vacuum Pump And Recirculating Chiller
21.	Fly Catcher
22.	Gel Imaging System
23.	Glow Discharge Unit (EM Unit)
24.	GPU Based Workstation Server
25.	Heating block
26.	Heating mantles
27.	Heating Stirrer
28.	High speed cooling centrifuge
29.	High Vacuum pump
30.	Homogenizer
31.	Hormone Estimation Instrument
32.	Hot air gun
33.	Hot Air Oven

34.	Hot plate
35.	HPLC
36.	Ice Flaking machine
37.	Inverted Fluorescence Microscope
38.	Inverted Microscope
39.	IVC System For Mice
40.	IVC System For Rat
41.	Laptop
42.	Liq. Nitrogen Storage Tank With>5000 Vial Capacity
43.	Liquid Nitrogen Container
44.	Low temperature reaction bath
45.	Magnetic stirrer
46.	Melting point apparatus
47.	Mice Cages
48.	Microscope With Camera Attachment (Leica)
49.	Milli-Q Integral Water Purification System
50.	Mini 20 Degree Refrigerator
51.	Minispin
52.	Monkey Cages
53.	Mouse Ventilator
54.	Nitrogen Cylinder
55.	Overhead Stirrer
56.	Oxygen Cylinder
57.	pH Meter
58.	Phosphor imager
59.	Printer
60.	Projector
61.	Rabbit Cages
62.	Radioactivity / Scintillator Counting Machine
63.	Rat Cages
64.	Real-Time PCR
65.	Refrigerator
66.	RO Water Purification
67.	Rocker Shaker
68.	Rodent Stereotaxic Apparatus
69.	Rotavapor With Chiller
70.	Rotor For Cooling Centrifuge
71.	Shaking incubator
72.	Split AC'S

73.	Storage cabinet for acids
74.	Ultra Centrifuge
75.	Ultra-Low Immersion Cooler
76.	Ultralow Temperature Freezer
77.	Ultrasonic Cleaner
78.	UPS
79.	Urine Analyser
80.	UV Chamber
81.	V C Systems
82.	Vortex
83.	Vortex shaker
84.	Water Dispenser
85.	Water Purifier
86.	Weighing balance
87.	Western Blotting Instrument
88.	Xerox Machine



### 3. Procurement projections for the next 3-5 years for commonly procured consumable goods Name of the Chemical, Plasticwares, Glassware

*Actual Procurement depends upon the budgetary allocation from CSIR and funding agencies*

Sl. No.	Item Name	Item Type
1.	Acrylamide	Biochemical
2.	Agar Powder	Biochemical
3.	Agarose	Biochemical
4.	Antibiotics	Biochemical
5.	BSA	Biochemical
6.	cDNA kit	Biochemical
7.	DAB	Biochemical
8.	DMEM	Biochemical
9.	DNA ladder	Biochemical
10.	ECL substrate kit	Biochemical
11.	IPTG	Biochemical
12.	LB broth	Biochemical
13.	Protein estimation kit	Biochemical
14.	Protein makers	Biochemical
15.	SYBR green	Biochemical
16.	TRI	Biochemical
17.	Tris buffer	Biochemical
18.	Trizol	Biochemical
19.	Trypsin EDTA	Biochemical
20.	Urea	Biochemical
21.	1.5mL centrifuge tube	Chemicals
22.	15mL centrifuge tube	Chemicals
23.	1-Naphthaleneacetic acid 100gm	Chemicals
24.	2,4-Dichlorophenoxyacetic acid 100gm	Chemicals
25.	2mL centrifuge tube	Chemicals
26.	3-Methyl Adenine (3-MA)	Chemicals
27.	50 mL centrifuge tube	Chemicals
28.	6-Benzylaminopurine	Chemicals
29.	6-Furfurylaminopurine	Chemicals
30.	6-hydroxy dopamine hydrobromide (6-OHDA)	Chemicals

31.	Abscisic acid	Chemicals
32.	Acetic Acid	Chemicals
33.	Acetone	Chemicals
34.	Acetonitrile HPLC	Chemicals
35.	Acetylthiocholine iodide	Chemicals
36.	AeBSF 4 (2-Aminoethyl) benzenesulfonyl fluoride hydrochloride	Chemicals
37.	Albumin Serum Albumin	Chemicals
38.	Alexa-Flour	Chemicals
39.	Ammonium per Sulphate	Chemicals
40.	Ammonium sol	Chemicals
41.	Annexin/PI Kit	Chemicals
42.	Antibiotic-Antimycotic	Chemicals
43.	Anti-Mouse IgG	Chemicals
44.	Anti-Rabbit IgG	Chemicals
45.	ATP	Chemicals
46.	Bafilomycin A1 (Baf-A1)	Chemicals
47.	BAPTA 4 AM	Chemicals
48.	BCA Protein Estimation kit	Chemicals
49.	Benzene 2.5lit Bottle	Chemicals
50.	Beta-Actin	Chemicals
51.	Bis-acrylamide	Chemicals
52.	Bovine Serum Albumin (BSA)	Chemicals
53.	Bromophenol Blue	Chemicals
54.	Calcium chloride fused	Chemicals
55.	Carbon tetra chloride AR 500ml bottle	Chemicals
56.	Caspase 3	Chemicals
57.	CCCP	Chemicals
58.	c-DNA synthesis kit	Chemicals
59.	Cell Lysis Buffer	Chemicals
60.	Chitosan (Powder)- 100gm	Chemicals
61.	Chloroform	Chemicals
62.	Chloroquine diphosphate salt	Chemicals
63.	Chymotrypsin	Chemicals
64.	CM-H2DCFDA	Chemicals
65.	Co-Enzyme Q1	Chemicals
66.	Common Antibodies	Chemicals

67.	Cytochrome c	Chemicals
68.	DCF-DA	Chemicals
69.	Deuterium oxide	Chemicals
70.	Dextrose AR 500gm	Chemicals
71.	Dichloroethane LR 2.5lit bott	Chemicals
72.	Dichloromethane	Chemicals
73.	Diethylether	Chemicals
74.	Dimethyl sulfoxide-d6	Chemicals
75.	Dioxane 500ml bott	Chemicals
76.	DL-Dithiothreitol (DTT)	Chemicals
77.	DMSO	Chemicals
78.	Doxorubicin	Chemicals
79.	DPX	Chemicals
80.	DTNB	Chemicals
81.	DTT	Chemicals
82.	ECL Clarity Substrate	Chemicals
83.	EGTA	Chemicals
84.	Eosin	Chemicals
85.	Ethanol	Chemicals
86.	Ether	Chemicals
87.	Ethyl Acetate	Chemicals
88.	Ethylene glycol	Chemicals
89.	Fetal Bovine Serum (North American Origin)	Chemicals
90.	Fetal Bovine Serum (South American Origin)	Chemicals
91.	Florojade B	Chemicals
92.	Fluo-4-AM	Chemicals
93.	Fluora-2-AM	Chemicals
94.	Formaldehyde	Chemicals
95.	Gamborg B5 Medium (w/ CaCl <sub>2</sub> , Vitamins & Sucrose; w/o Agar)	Chemicals
96.	GAS CYLINDERS	Chemicals
97.	Gemcitabine	Chemicals
98.	Gibberellin	Chemicals
99.	Glutaraldehyde	Chemicals
100.	Glutathione Oxidised	Chemicals
101.	Glutathione Reductase	Chemicals
102.	Glycerine	Chemicals



103.	Glycerol	Chemicals
104.	Glycine	Chemicals
105.	HBSS 10x	Chemicals
106.	HCl	Chemicals
107.	Hematoxyline	Chemicals
108.	HEPES	Chemicals
109.	Hexane	Chemicals
110.	Hoescht Dye	Chemicals
111.	HPLC chloroform	Chemicals
112.	HPLC Hexane	Chemicals
113.	Hydrochloric acid AR	Chemicals
114.	Ice Bucket	Chemicals
115.	Immobilon Fote Western HRP Substrate	Chemicals
116.	Indole-3-acetic-acid	Chemicals
117.	Indole-3-butyric acid	Chemicals
118.	Isopropanol	Chemicals
119.	JC-1 Dye	Chemicals
120.	Kanamycin	Chemicals
121.	KOH	Chemicals
122.	LC3 A/B	Chemicals
123.	Lipofectamine	Chemicals
124.	Lipopolyshacrides	Chemicals
125.	Liquid Helium	Chemicals
126.	Liquid Nitrogen	Chemicals
127.	Liquified CO2 cylinder	Chemicals
128.	Live Cell Imaging Solution	Chemicals
129.	Luria Bertani Broth, Miller	Chemicals
130.	Manisol	Chemicals
131.	Methanol	Chemicals
132.	Methyl Jasmonate- 25ml	Chemicals
133.	MitoSox Red Superoxide	Chemicals
134.	Mitotracker Green	Chemicals
135.	Mitotracker Red	Chemicals
136.	Mounting media with DAPI	Chemicals
137.	mTOR	Chemicals
138.	Murashige & Skoog Medium (w/ CaCl <sub>2</sub> , Vitamins; w/o Sucrose & Agar)	Chemicals

139.	Mercuric Chloride	Chemicals
140.	n Butanol LR 2.5lit bott	Chemicals
141.	n Hexane HPLC 1lit pack	Chemicals
142.	N, N' Methylene Bisacrylamide	Chemicals
143.	N-Acetyl Cysteine	Chemicals
144.	NaCl	Chemicals
145.	Nitch Medium (w/ CaCl <sub>2</sub> , Vitamins& Sucrose; w/o Agar)	Chemicals
146.	Osmium Tetra-oxide (OsO <sub>4</sub> )	Chemicals
147.	Paraffin oil	Chemicals
148.	Paraffin wax	Chemicals
149.	Paraformaldehyde Solution	Chemicals
150.	PARP	Chemicals
151.	PCR Mastermix	Chemicals
152.	PCR Tubes	Chemicals
153.	PEG- 500gm	Chemicals
154.	pH calibration chemicals	Chemicals
155.	Phosphatase Inhibitor	Chemicals
156.	Phosphate Buffered Saline	Chemicals
157.	Phosphate inhibitor cocktail	Chemicals
158.	Plasmid Maxi Prep	Chemicals
159.	Poly-L lysin	Chemicals
160.	Potassium Chloride	Chemicals
161.	Potassium hydroxide pellets 500gmpack	Chemicals
162.	Presto Blue	Chemicals
163.	Probenecid	Chemicals
164.	Propidium Iodide (1mg/mL)	Chemicals
165.	Protease Inhibitor Cocktail	Chemicals
166.	Protein Ladder Marker (pre-stained colour)	Chemicals
167.	PVDF Membrane	Chemicals
168.	Pyridine AR 500ml pack	Chemicals
169.	Rapamycin	Chemicals
170.	Rhodamine 123	Chemicals
171.	RNAse A	Chemicals
172.	Rotenone	Chemicals
173.	RPMI-1640	Chemicals
174.	Salicylic acid- 500gm	Chemicals

175.	Salubrinal	Chemicals
176.	Schenk & Hildebrandt Modified Medium (w/ CaCl <sub>2</sub> , Vitamins; w/o Sucrose & Agar)	Chemicals
177.	SDS	Chemicals
178.	Silicagel	Chemicals
179.	Silicone vacuum grease	Chemicals
180.	Sodium Bicarbonate	Chemicals
181.	Sodium Chloride	Chemicals
182.	Sodium dodecyl sulphate	Chemicals
183.	Sodium hydroxide pellets 500gm pack	Chemicals
184.	Sodium phosphate dibasic	Chemicals
185.	Sodium sulphate LR 500gm	Chemicals
186.	Sorbitol	Chemicals
187.	SP600125	Chemicals
188.	Spurr Embedding Kit	Chemicals
189.	Steady Glo	Chemicals
190.	Streptozotocin	Chemicals
191.	Sulphuric acid AR 500mlpack	Chemicals
192.	Syber green master mix	Chemicals
193.	Tamoxifen	Chemicals
194.	TBHP (ROS inducer)	Chemicals
195.	Teflon tape	Chemicals
196.	TEMED	Chemicals
197.	Tetrahydrofuran dry 2.5lit pack	Chemicals
198.	Thidiazuron- 100mg	Chemicals
199.	Tiron (Superoxide quencher)	Chemicals
200.	TLC place	Chemicals
201.	Toluene sulphur free 2.5lit pack	Chemicals
202.	Tri-chloro Acetic Acid (TCA)	Chemicals
203.	Triethylamine LR 500mlpack	Chemicals
204.	Tris Base	Chemicals
205.	Tris Chloride	Chemicals
206.	Triton-X	Chemicals
207.	Triton-X 100	Chemicals
208.	Trypsin protease	Chemicals
209.	TUNNEL Kit	Chemicals
210.	Turbo-fect(Transfection agent)	Chemicals

211.	Tween-20	Chemicals
212.	U0126	Chemicals
213.	Ultrapure CO <sub>2</sub> gas cylinder	Chemicals
214.	Ultrapure Nitrogen gas cylinder	Chemicals
215.	Ursolic Acid	Chemicals
216.	Wax	Chemicals
217.	White Medium (w/ CaCl <sub>2</sub> , Vitamins& Sucrose; w/o Agar)	Chemicals
218.	Woody Plant Medium (w/ CaCl <sub>2</sub> , Vitamins& Sucrose; w/o Agar)	Chemicals
219.	Xylene	Chemicals
220.	Zeatin- 50mg	Chemicals
221.	z-VAD-fmk	Chemicals
222.	100ml Conical Flask	Glassware
223.	15 ml glass vial	Glassware
224.	1L Conical Flask	Glassware
225.	30 ml glass vial	Glassware
226.	Adapter Cone	Glassware
227.	Adapter Reducer	Glassware
228.	Beaker	Glassware
229.	Column small	Glassware
230.	Conical flask (3 L)	Glassware
231.	Culture tubes (30 ml)	Glassware
232.	Erlenmeyer Conical Flask	Glassware
233.	Glass beaker	Glassware
234.	Glass Measuring Cylinder 200ml	Glassware
235.	Glass reagent bottle 1 liter	Glassware
236.	Microscopic Cover slips	Glassware
237.	Microscopic Slides	Glassware
238.	Reagent Bottle (500 ml)	Glassware
239.	Round bottom Flask	Glassware
240.	Separating funnel	Glassware
241.	Sintered funnel	Glassware
242.	Spatula	Glassware
243.	Bel Jar	Glassware
244.	Conical Flask	Glassware
245.	Dessicater vaccum	Glassware

246.	Drying tray	Glassware
247.	Flask pear shaped	Glassware
248.	Flask RB 10 ml	Glassware
249.	Funnel	Glassware
250.	Funnel powder	Glassware
251.	Funnel Sintered 80 ml	Glassware
252.	Glass coverslips	Glassware
253.	Glass slide	Glassware
254.	Jar TLC	Glassware
255.	Micro slide	Glassware
256.	Petri dish	Glassware
257.	Pipette	Glassware
258.	Regent bottle	Glassware
259.	Screw cap vial	Glassware
260.	Test tube	Glassware
261.	Volumetric Flask	Glassware
262.	1 ml Syringe	Plasticwares
263.	1 ml Tips	Plasticwares
264.	1.5 ml Micro centrifuge tubes 10000/case	Plasticwares
265.	1.5, 2.0 ml centrifuge tubes	Plasticwares
266.	10 µl pipette tips	Plasticwares
267.	10 ml serological pipettes 200/case	Plasticwares
268.	100ul Tips	Plasticwares
269.	10ml Steri pipettes	Plasticwares
270.	12 Well plate tissue culture treated	Plasticwares
271.	15 ml Centrifuge tubes 1000/case	Plasticwares
272.	15 ml conical tube sterile	Plasticwares
273.	15 ml Pipette tips – all sizes	Plasticwares
274.	15ml tubes	Plasticwares
275.	1L Beakers	Plasticwares
276.	1ml pipette tips	Plasticwares
277.	2 ml tubes	Plasticwares
278.	2.0 ml Micro Centrifuge tubes 10000/case	Plasticwares
279.	20 ml glass tubes with lid	Plasticwares
280.	20 ml Syringe	Plasticwares
281.	200 µl pipette tips	Plasticwares
282.	24-well cell culture	Plasticwares

283.	25ml Steripettes	Plasticwares
284.	5 ml Steripettes	Plasticwares
285.	5 ml Syringe	Plasticwares
286.	5 ml tubes	Plasticwares
287.	50 ml Centrifuge tubes 500/case	Plasticwares
288.	50 ml conical tube sterile	Plasticwares
289.	50 ml tubes	Plasticwares
290.	500 ml Beaker	Plasticwares
291.	500 ml Conical Flask	Plasticwares
292.	6 Well plate tissue culture treated	Plasticwares
293.	6 well plates with transparent bottom	Plasticwares
294.	6-well cell culture plate	Plasticwares
295.	90 mm Petri plate	Plasticwares
296.	96 well cell culture plate	Plasticwares
297.	96 well plate (Black)	Plasticwares
298.	96 well plate (White)	Plasticwares
299.	Aspirator bottle	Plasticwares
300.	Cassette for Embedding	Plasticwares
301.	Cell Culture Dishes	Plasticwares
302.	Cell Culture Flask (Non vented)	Plasticwares
303.	Cell Culture Flask (vented)	Plasticwares
304.	Cell Scraper	Plasticwares
305.	Centrifuge tubes	Plasticwares
306.	CO <sub>2</sub> Cylinders – Food grade	Plasticwares
307.	Combi rack	Plasticwares
308.	Conical flasks (all sizes)	Plasticwares
309.	Copper Grids for TEM	Plasticwares
310.	Cotton Rolls	Plasticwares
311.	Cover Slips	Plasticwares
312.	Chromatography paper	Plasticwares
313.	Cryo box 8 slot	Plasticwares
314.	Culture disk 60 mm	Plasticwares
315.	Culture Flasks T-75	Plasticwares
316.	Disposable syringes 1,2,5,10,20 ml	Plasticwares
317.	Duster	Plasticwares
318.	FACS Tube	Plasticwares
319.	Falcon Tubes	Plasticwares

320.	Filter tips	Plasticwares
321.	Freezer storage rack	Plasticwares
322.	Glass bottles	Plasticwares
323.	Glass plates for electrophoresis	Plasticwares
324.	Glass slide storage	Plasticwares
325.	Gloves disposable s,m,l	Plasticwares
326.	Grid Storage Boxes	Plasticwares
327.	Hand disinfectant	Plasticwares
328.	Levermed; spirit	Plasticwares
329.	Liquid soap	Plasticwares
330.	Liver mad	Plasticwares
331.	MCP tubes	Plasticwares
332.	MCT 1.5ml	Plasticwares
333.	MCT 2 ml	Plasticwares
334.	Media Filter Assembly	Plasticwares
335.	Membrane filter 0.22, 47 mm	Plasticwares
336.	Mercury HBO lamps	Plasticwares
337.	Micro Tips	Plasticwares
338.	Microtube rack	Plasticwares
339.	Millex 33 0.22 um	Plasticwares
340.	Narrow Mouth Wash Bottle 500 mL	Plasticwares
341.	Nitrile Examination gloves	Plasticwares
342.	Nitrile Gloves (Medium size) 200/pack	Plasticwares
343.	Nitrile Gloves (Small size) 200/pack	Plasticwares
344.	NMR tube septum	Plasticwares
345.	Petriplates	Plasticwares
346.	Pipette Bulb	Plasticwares
347.	Pipette disposable	Plasticwares
348.	Pipette serological	Plasticwares
349.	Plastic Box for Block Storage	Plasticwares
350.	Plastic Jar for Necropsy	Plasticwares
351.	Plastic Ring for Block	Plasticwares
352.	PVDF syringe filter	Plasticwares
353.	Real time PCR plates	Plasticwares
354.	Safety goggles	Plasticwares
355.	Staining Jar	Plasticwares
356.	Sterile Autofill assembly (500 ml)	Plasticwares

357.	Storage Slide rack (No. 25, 50 and 100)	Plasticwares
358.	Syringe filter	Plasticwares
359.	Syringes	Plasticwares
360.	T-75 flask	Plasticwares
361.	T-25 Tissue culture treated flask	Plasticwares
362.	T-75 cell culture flask	Plasticwares
363.	TEM Embedding Moulds	Plasticwares
364.	Tissue culture flask non filter	Plasticwares
365.	Tissue culture plate	Plasticwares
366.	Tissue paper Rolls	Plasticwares
367.	Tough Tags (Multi coloured)	Plasticwares
368.	Towel	Plasticwares
369.	Transwell 0.4µm PET 6 well plate	Plasticwares
370.	Tzero Aluminium pans with lids	Plasticwares
371.	Vim	Plasticwares
372.	Wash bottle	Plasticwares
373.	Whattman Filter Paper	Plasticwares
374.	Wide mouth wash bottle(1 Packet/6pieces)	Plasticwares
375.	WILMAD NMR Tubes	Plasticwares
376.	All pin	Stationery
377.	Attendance Register	Stationery
378.	Ball pen	Stationery
379.	Calculator	Stationery
380.	Cello Tape	Stationery
381.	Cello tape brown	Stationery
382.	Cello tape transparent	Stationery
383.	Cello griper pen	Stationery
384.	Diamond Pencil	Stationery
385.	Double hole punch machine	Stationery
386.	Dura cell AA, AAA	Stationery
387.	Dura Cell-9V	Stationery
388.	Filter paper	Stationery
389.	Forceps curve pointed small	Stationery
390.	Glue stick	Stationery
391.	Gum tube	Stationery
392.	Highlighter	Stationery
393.	Index file	Stationery



394.	L. folder	Stationery
395.	Laser toner cart. 505A	Stationery
396.	Laser toner cart. 78A	Stationery
397.	Laser toner cart. 12A	Stationery
398.	Laser toner cart. 88A	Stationery
399.	Laserjet Print Cartridge - CE278A	Stationery
400.	Laserjet Print Cartridge- Q5942A	Stationery
401.	Laserjet Print Cartridge- Q5949A	Stationery
402.	Marker	Stationery
403.	Microscopic Slide Tray	Stationery
404.	Microtome Blade	Stationery
405.	N95 Mask	Stationery
406.	Note sheet pad	Stationery
407.	OHP marker	Stationery
408.	Paper cutter	Stationery
409.	Parafilm Tape for sample jar Sealing	Stationery
410.	Pen	Stationery
411.	Pencil	Stationery
412.	Permanent marker	Stationery
413.	Pilot pen	Stationery
414.	Register	Stationery
415.	Rubber	Stationery
416.	Single hole punch machine	Stationery
417.	Slip pad	Stationery
418.	Spiral pad	Stationery
419.	Stamp pad	Stationery
420.	Stapler big	Stationery
421.	Stapler pin big- HD45	Stationery
422.	Stapler pin small-10 nos	Stationery
423.	Stapler small	Stationery
424.	Sticky pad	Stationery
425.	Surgical Bone cutter Scissor	Stationery
426.	Surgical Forceps pointed	Stationery
427.	Surgical Forceps tooth	Stationery
428.	Surgical Mask	Stationery
429.	Surgical Scissor Big	Stationery
430.	Surgical Scissor small	Stationery

431.	Surgical Scissor small pointed	Stationery
432.	Surgical Scalpel Blade	Stationery
433.	Tags white	Stationery
434.	U-clip	Stationery
435.	Waste paper basket	Stationery
436.	White board marker	Stationery
437.	Xerox paper A-4	Stationery
438.	B6;FVB-Col1a1tm1.1(tetO-mStrawberry/Atg4b*C74A)Kmln/J	Animal
439.	NOD.Cg-Prkdcscid Il2rgtm1Wjl/SzJ	Animal
440.	BALB/cJ	Animal



#### 4. Equipment Procurement Plan List of Equipment approved by competent authority for yearly Procurement

Sl. No.	Equipment Name
1.	Deep Freezer
2.	GC-FID- MS
3.	HPTLC
4.	Establishment of Infrastructure: Manufacturing Facility Shell compliant with Schedule M of Drugs and Cosmetics Act. M/s. Lab Innovation
5.	HPLC
6.	Analytical Balance A&D Model BM2. Five digit plus filter weighing
7.	Pharmacy deep freezer and refrigerator
8.	CO2 incubator
9.	CO2 gas cylinder
10.	CO2 gas regulator
11.	U410 upright freezer (-86C)
12.	Water purifier
13.	BOD Incubator
14.	LC-MS
15.	Biological Safety Cabinet
16.	Ultralow Temperature Freezer
17.	Water Dispenser
18.	AC
19.	Water cooler/ Purifier
20.	Heating Stirrer
21.	Lab Heat Gun
22.	M.E. (Mouse Ventilator)
23.	M.E Thermo Hygrometer
24.	Desktops bulk procurement
25.	Evaporator Bundle With Vacuum Pump And Recirculating Chiller
26.	Immersion Cooler
27.	V C Systems
28.	Xerox Machine

29.	Plate Rotor For Existing Centrifuge Model Z 36Hk
30.	Overhead Stirrer
31.	Inverted Fluorescence Microscope
32.	HYD Detector For confocal Microscope
33.	Spares Of Confocal Microscope
34.	GPU Based Workstation Server
35.	Magnetic Stirrer
36.	Vortex
37.	Liquid Nitrogen Container
38.	pH Meter
39.	10 KVA UPS
40.	COT, MATTRESSES 7 PILLOWS
41.	2 Air Coolers
42.	Refrigerator
43.	3 KV UPS
44.	Minus 20 degree Refrigerator
45.	RODENT STEREOTAXIC APPRATUS
46.	DIGITAL ROCKER
47.	HOT AIR OVEN
48.	5 AC SPLIT
49.	2 REFERIGERATORS
50.	UPLC
51.	Rheometer
52.	Peristaltic Pump
53.	Photo copy Printer Machine
54.	Hydraulic hand trolley
55.	2kva UPS and Battery
56.	One HP Laser Duplex Printer Machine
57.	Plate reader
58.	Double Door Glass Door Upright Showcase Cooler
59.	Multi-Functional Surgical Platform for Rats with Lighting and Magnification, and Warming
60.	Desktop Computer and Printer
61.	Sonicator

62.	Nano-Drop
63.	Biomolecule Imager
64.	Rocking Shaker
65.	Dry bath
66.	Rotospin Rotary Mixer
67.	Vertical Electrophoresis Cell
68.	Four New Stirrers
69.	Printer
70.	Blue Star Make Storage Type Water Cooler of Storage Cap. 80 LTR
71.	HPLC Offer Installation Accessories
72.	BSL-3 Facility
73.	BSML Broadband internet Connection (KVA UPS)
74.	500 MHz Test instrument
75.	Infrared thermal scanners (4 No)
76.	Freezer -20°C lab refrigerator 2 to 8 °c , Laminar flow, Hot air oven, Autoclave, SSS trolley and Steel Stool, Deep Freezer.
77.	Printer, Laptop and Modem
78.	Sanitizer stand, Steel Top Stool, UV cabinet
79.	5KVa stabilizers (2Nos)
80.	Laptop with technical specification as attached in indent
81.	One Desk Top Computer, Printer And UPS
82.	U.V Protection system From bacteria and viruses
83.	Biosafety Cabinet
84.	Micro centrifuge Machine
85.	Refrigerator (2 No)
86.	Micromanipulator
87.	Projector
88.	Laptops (2 No)
89.	UPS and Battery
90.	Western Blotting Instrument
91.	Autoclave vertical Redial locking fully Automatic
92.	Royal Medicals
93.	Preventive Service Charges of sigma centrifuge
94.	Vacuum Pump

95.	Magnetic Stirrer Type MS-6
96.	Group conferencing system for Hall 3 Auditorium Speaker & Microphone
97.	One door, sinks autoclaves Civil material ( Pre Finishing Requirements)
98.	Automatic Hand Sanitizer
99.	BSL-3 Horizontal Autoclave
100.	Touch less Hand Sanitizer Machine
101.	Multifunction Printer
102.	Magnetic Stand
103.	HEP Proloant ML350 Gen10 Server
104.	CPU for Computer
105.	20 Freezer
106.	Upright Showcase refrigerator
107.	Rodent fear conditioning system,
108.	Rodent locomotor activity test system
109.	Video-tracking system with camera & software
110.	Rotary System
111.	Surgical Platform
112.	Cell culture Co2 incubator
113.	Bench top high speed refrigerated centrifuge
114.	Science ware F24976-0001 Beta Radiation Shield,8"*12*14-3/4
115.	4Feet Biological Safety Cabinet
116.	Storage Box F/BETA Emitter 303/226/102mm
117.	Stainless steel stage selves/racks, Tables Trolley
118.	HP Laserjet Pro M226DW printer Printer M226DW
119.	(As per attached specification)
120.	Printer / Scanner
121.	Recirculating Chiller Should work for min two rotavapor systems
122.	X-Ray Defractor
123.	Vacuum pump with vacuum controller suction capacity for min two rotavapor systems
124.	Magnetic stirrers Speed upto 1100 RPM, Stirring volume upto 5 liters, Warranty for 3 years
125.	Nitrogen Gas Flow Regulator

126.	Laptop
127.	10-15 KVA Power Stabilizer
128.	PCR Work Station,with stand and drawers
129.	DEEP Freezer-20 DEG
130.	Desk Top Mini Cooling Centrifuge With vibration free table and drawers
131.	DEEP Freezer-80 DEG
132.	Co2 Incubator and drawers
133.	Cabinet with Stand Drowers
134.	High Speed Refrigerated Centrefuge
135.	Lab Refrigeraor+2 to 8 deg C
136.	Microprocessor based digital temp. Controller with timer and LCD display
137.	Deep Freezer -20'C
138.	Laboratory Refrigerator +2 to +8 0C
139.	SPINIX Multiwell Plate Shaker
140.	Spinix Vortex Shaket
141.	Desktop Computer
142.	Tablet Machine
143.	Celfrost Upright Showcase Cooler- 4oC 950 litres with 3 years warranty Shelves 5+5 double doors 1
144.	Heating mantle 5 litres capacity 1
145.	Rotor
146.	Computer
147.	Quotations for magnetic Stirrer hot Plate
148.	Refrigerator
149.	Micro bead Sterilizer
150.	External Hard Drive Two terra byte
151.	Ophthalmoscope (Indirect) for laboratory animals,
152.	Eye examination: Slit lamp
153.	Tonometer
154.	Modification kit motorized lid lock with screw roller
155.	Desktop Computer
156.	Electrochemistry Kit instrument

157.	Workstation Dual GPU workstation Tower Dual GPU Platform
158.	Gigabit Wireless Routers for direct Wan Connectivity Meeting Rooms
159.	Rotavapor with chiller
160.	1 Computers and 1 Scan Printer
161.	Hard disk drive for Echocardiography offline computer
162.	Hypoxia incubator chamber
163.	Desktop Computer
164.	UPLC
165.	Rheometer
166.	Osmometer
167.	Laptop on functional Basis
168.	Ice Machine
169.	Autoclave
170.	Nanodrop
171.	Cryocan (1unit)
172.	Chemidoc (1unit)
173.	Sonicator
174.	Audio- Video Editing/ Graphics/Software
175.	Desktop Computer
176.	Up- gradation of Skype/Ms- Teams Setup
177.	Chest/Locker
178.	WEB Server Space 5 GB
179.	Printer
180.	Multiplate Nephelometer
181.	Renewal of non- comprehensive AMC of Gilson Semi-preparative HPLC
182.	80 Deep Freezer
183.	Up-gradation of Audio-Visual infrastructure in Auditorium like That Laptop Camera Lapel Microphone system
184.	Flow Cytometer (Analyser)
185.	CMC Renewal of LC-MS/MS 5500Qtrap
186.	Software License
187.	Mac Laptop, Tablet Desktop
188.	Viz. Laptops (02) and Projectors



189.	Viz. Paper Shredder 12 Sheet, Logitech HD PRO C920 Webcam, and Headphone with mic
190.	One Desktop computer PC
191.	New Split AC with heating and cooling
192.	Desktop Computer and Printer
193.	Freezer repair aluminium Foil stationery items
194.	Spare part AQS BLA2BB board ( Spare Part)
195.	BSNL FTTH Broadband and immediate procurement / implementation, Phased manner
196.	Ultrasonic Cleaner
197.	Hot Air Oven
198.	Refrigerator
199.	CCTV
200.	Refrigerator
201.	Split Ac With Stabilizer
202.	Ph Meter
203.	Rodent Stereotaxic Apparatus
204.	5 Ac Split
205.	2 Refrigerators
206.	5 Ups Systems
207.	Fly Catcher
208.	M.E. Ultra -Low Immersion Cooler
209.	Ultralow Temperature Freezer
210.	RNA-Seq of C. Elegans
211.	Mettler Toledo -2
212.	Freezers
213.	cDNA synthesis kit for RT-PCR
214.	Water coolers installed in the hostels are old
215.	ABSIPL Makes Pole*Advance brands ULT Freezer -80°C.,Temperature Range -40°C to -86°C, Model: PSA-86DDU650,External Double Door, Power supply: 220V-240VAC, 50 Hz
216.	Thermo Scientific TM Forma TM Steri-Cycle TM i60CO2 Incubator 9As per attached technical specification

217.	Thermo Scientific Refrigerated Centrifuge with LCD Display
218.	U branded Aluminium Cryocan for Liquid Nitrogen
219.	Trans illuminator UV Invitrogen Bio Services Single Wavelength Bench top
220.	Elctrasyn
221.	SynLED parallel photo reactor
222.	CO2 incubator
223.	Computers
224.	Oiagenode Bioruptor
225.	External hard drives
226.	reverted phase contrast microscope
227.	Lonza Nucleofector 2b Device
228.	Pipetteman sets
229.	q PCR machfne
230.	Water Purification System
231.	Pipettes, minifuge and computer
232.	Nucleofector™ 2b electroporation Device 1
233.	Inchamber hepa air filter inbuilt CO2 Incubator
234.	Refrigerated centrifuge
235.	-80 Deep Freezer
236.	RT-PCR
237.	Computer Supplies
238.	Amershan Image Quant 800UV
239.	Image Quant 800 Mini PC and Accessories

240.	IQ 800 RGB Module
241.	IQTL 10 Node Locked License with Omaging System
242.	Thermo Scientific Refrigerated Centrifuge with LCD display
243.	Vest frost freezer, temp rage: -16 to-24 degree celsius, volume about 344 L, 8 shelves and drawers, upright 1
244.	High end multimode GPU enabled computational server with accessories
245.	High end GPU enabled workstations (Yr I – 3 nos; Yr III- 1 no.)
246.	Desktop computer cluster with accessories (Yr I – 8 nos; Yr II- 4 nos.)
247.	Mobile workstation/laptop
248.	Data storage SAN/backup/ retrieval systems
249.	UPS with batteries (10-15 KVA)
250.	3D-printer with accessories
251.	Multi-functional Laser printer
252.	Color Laser printer
253.	State of the art Smart Classroom with Interactive FLAT panel with accessories
254.	Projector with accessories
255.	power backup
256.	air conditioning
257.	computer Furniture and other accessories
258.	State of the art Smart Classroom miscellaneous items including for projection screen
259.	workbenches
260.	urniture Storage

261.	Table Top Refrigerated Centrifuge model 5910ri
262.	Refrigerated incubator shaker model Innova 42R
263.	Carl Zeis Stereo-zoom Microscope model Stemi 508
264.	Water Bath
265.	Vacuum aspiration system
266.	Spectrophotometer
267.	Protein Purification System
268.	Co2 Incubator
269.	Biological Safety Cabinet
270.	Ultra deep freezer -80 degree
271.	Protein transfer apparatus
272.	Minus 20 Degree deep freezer, Desktop with Printer, Swing out rotor and bucket for Hermle centrifuge, Transblotter
273.	Magnetic Stirrers, Desktop Computer, Dry Bath, Freezer, Oven with thermostat, Rotavapor, Shaker-Rotor
274.	Freeze dryer
275.	Multimode Plate Reader , -20 Freezer